



Systems Commissioned:

- Lab HVAC
- Office HVAC
- Energy recovery
- Fan coil units (FCU)
- Compressed gasses
- Clean Dry Air
- Normal and uninterruptible power supply (UPS) power
- Plumbing (clean and gray utilities and process)
- Lighting and lighting control
- Glove-box isolators (for sterility testing)
- Temperature Mapping
 - Walk-in Cold Room
 - Refrigerators
 - Freezers
 - Incubators
- Purified Water
- Benchttop Equipment
- Glasswashers
- Bio-Safety Cabinets
- Ventilated Enclosures
- Fume Hoods
- Controlled Laboratory Spaces

Commissioned: Q2 2023

Honors:

Anticipating LEED Silver

B5 Second Floor Renovation
Confidential, VA

The project involved the transformation of one floor of a building, from mechanical / utility areas to GMP laboratories and office spaces. The project included design assist and Lean Construction methodologies and was designed to achieve LEED v4.1 ID+C Silver certification.

PrecisCx provided LEED Fundamental and Enhanced Commissioning services permitting the leveraging of commissioning activities into the Qualification process. The PrecisCx team participated in virtual and in person vendor factory acceptance testing (FAT) and on-site start-up and site acceptance testing (SAT) activities. Multifaceted communications with several international vendors was necessary to align vendor documentation with client standards and to schedule field activities with the vendor, construction manager and client representatives. PrecisCx developed and maintained the Commissioning & Qualification plans along with providing input into User Requirement Specifications, System and Component Level Impact Assessments during early design phases.

This project experienced client and construction management personnel turnover within key roles of the project team. This required a high level of flexibility to navigate the expectations of the changing stakeholders. PrecisCx performed temperature mapping for walk-in cold storage and commercial, off the shelf, controlled temperature units (CTUs). Qualification was also provided for controlled spaces within the laboratories, sterility testing isolators, bio-safety cabinets, ventilated enclosures, glass washers, benchtop equipment including water purification systems and clean dry air system per site standards.

Project Reference

Confidential

Project Data

Size: 26,780 square feet
 Category: Pharma/Biotech
 Scope: Renovation
 Type: LEED and Leveraged Commissioning
 Cost: Confidential

PrecisCx Team

Principal in Charge: Kari Donovan, PE, CxA
 Project Manager: Jon Carmody
 Sr CQV Engineer: Stephen Obermeier
 CQV Engineer: Lauren Schilling
 CQV Engineer: Ross Schiavone
 CQV Engineer: Ruchi Patel